

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

[] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Ionene Polymers and Their Use as Antimicrobial Agents

the specification of which (check one)

- [] is attached hereto.
 [x] was filed on January 17, 2002 as United States Application
 Number or PCT International Application No. 10/051,765
 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>	<u>Priority Not Claimed</u>	<u>Certified Copy Filed?</u>
YES	NO	
(Number)	(Country)	(Day/Month/Year filed)
[]	[]	[]
(Number)	(Country)	(Day/Month/Year filed)
[]	[]	[]
(Number)	(Country)	(Day/Month/Year filed)
[]	[]	[]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Richard J. Fitzpatrick

Inventor's Signature Richard J. Fitzpatrick

Date 4/9/02

Residence 23 Pickwick Road, Marblehead MA 01945

Citizenship USA

Mailing Address same as above

Full name of second joint

inventor, if any Keith K. Shackett

Inventor's Signature Keith K. Shackett

Date 4-03-02

Residence 917 Cottage Street, Athol MA 01331

Citizenship USA

Mailing Address same as above

Full name of third joint

inventor, if any Jeffrey D. Klinger

Inventor's Signature Jeffrey D. Klinger

Date 2 Apr 2002

Residence 54 Bowditch Road, Sudbury MA 01776

Citizenship USA

Mailing Address same as above

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

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U.S. PATENT AND TRADEMARK OFFICE

**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT AND
CORRESPONDENCE ADDRESS**

<i>Customer No.</i>	Application Number	10/051,765
	Filing Date	January 17, 2002
	First Named Inventor	Richard J. Fitzpatrick
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	1932.1110-002

I/We hereby appoint

[X] the attorneys/agents associated with **Customer No. 021005**

[X] Practitioner(s) named below:

Darlene A. Vanstone, Registration No.: 35,729

as my/our attorneys/agents to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

The correspondence address for the above-identified application is:

[X] Customer Number 021005

Hamilton, Brook, Smith & Reynolds, P.C.

530 Virginia Road

P.O. Box 9133

Concord, Massachusetts 01742-9133

[] Other _____

Please direct all telephone calls and facsimiles to:

Name Carolyn S. Elmore Tel. No. 978-341-0036 Fax No. 978-341-0136

I am the:

[] Applicant/Inventor.

[X] Authorized representative of the Assignee of the entire interest. See 37 C.F.R. 3.71. A Statement under 37 C.F.R. §3.73(b) is enclosed.

[] Authorized representative of an assignee together with [] of the entire interest. A separate Statement under 37 C.F.R. § 3.73(b) is enclosed.

SIGNATURE of Applicant or Assignee of Record

Name

Darlene Vanstone

Signature

Darlene Vanstone

Date

4/30/02

[X] Total of [1] forms are submitted.

STATEMENT UNDER 37 C.F.R. § 3.73(b)Applicant(s) & Richard J. Fitzpatrick, Keith K. Shackett and Jeffrey D. KlingerApplication No.: 10/051,765 Filed: January 17, 2002For: Ionene Polymers and Their Use as Antimicrobial Agents

GelTex Pharmaceuticals, Inc., a Corporation,
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. the assignee of the entire right, title and interest in the patent application identified above; or
- B. an assignee together with [] of the entire right, title and interest in the patent application identified above. A separate Statement under 37 CFR § 3.73(b) is being submitted.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.

OR

B. A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
 The document was recorded in the Patent and Trademark Office at
 Reel _____, Frame _____, or a copy thereof is attached.
2. From: _____ To: _____
 The document was recorded in the Patent and Trademark Office at
 Reel _____, Frame _____, or a copy thereof is attached.
3. From: _____ To: _____
 The document was recorded in the Patent and Trademark Office at
 Reel _____, Frame _____, or a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: 4/30/02Name: Darlene VanstoneTitle: Sr. Patent CounselSignature: Darlene Vanstone

JointASSIGNMENT

WHEREAS, we, **Richard J. Fitzpatrick, Keith K. Shackett, and Jeffrey D. Klinger**, have invented a certain improvement in **Ionene Polymers and Their Use as Antimicrobial Agents** described in an application for Letters Patent of the United States, the specification of which:

- [] is being executed on even date herewith and is about to be filed in the United States Patent Office;
- [X] was filed on **January 17, 2002** as Application No. **10/051,765**;
- [] was patented under U.S. Patent No. [] on [].

WHEREAS, **GelTex Pharmaceuticals, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **153 Second Avenue, Waltham, MA 02451** desires to acquire an interest therein in accordance with agreements duly entered into with us;

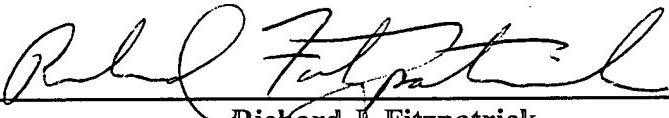
NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature:



Richard J. Fitzpatrick

State/Commonwealth

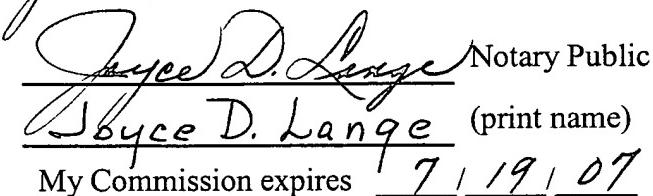
of Massachusetts

County of Middlesex

Then personally appeared before me the above-named **Richard J. Fitzpatrick** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this

9th day of April, 20 02.

(SEAL)



Notary Public
Joyce D. Lange (print name)
My Commission expires 7/19/07

Inventor's Signature:



Keith K. Shackett

State/Commonwealth

of Massachusetts

County of Middlesex

Then personally appeared before me the above-named **Keith K. Shackett** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 3rd, day of April, 2002.

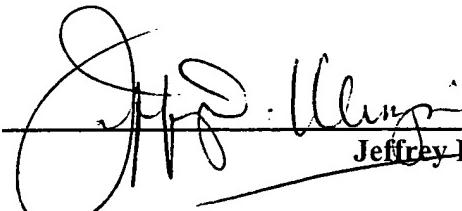
(SEAL)

 Notary Public

Joyce D. Lange (print name)

My Commission expires 7/19/07

Inventor's Signature:



Jeffrey D. Klinger

State/Commonwealth

of Massachusetts

County of Middlesex

Then personally appeared before me the above-named **Jeffrey D. Klinger** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 2nd, day of April, 2002.

(SEAL)

 Notary Public

Joyce D. Lange (print name)

My Commission expires 7/19/07